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(54) **Weighing system for weighing material to be filled into a transport container, for instance a big sack**

(57) A weighing system (2) for weighing material to be filled into a transport container (6), for instance a big sack (8) is described, which weighing system (2) comprises a conveyor section (4) forming a first weighing apparatus (10), as it is supported on electronic weighing cells (12), a dosing weighing device (28) placed above said first weighing apparatus (10) and connecting means for transfer of weighed material to said transport container (6) supported on first-mentioned weighing apparatus (10), where said connecting means consist of a connecting sleeve or bellows (24), which from an upper inactive position may be moved downwards for establishment of a dustproof passage to the transport container (6), and which together with belonging moving means are supported on first-mentioned weighing apparatus (10), that said dosing weighing device (30) comprises means adapted to be moved downwards against the upperside of a cover (56) of the transport container and to remove the cover and bring it upwards to a position inside in an inverted funnel-shaped bottom part (42) of a dosing container (30), and which by means of displacing means are adapted to be moved upwards, so that the material from the dosing container (30) may be lead through said dustproof passage and down into the transport container, before the cover (56) is moved downwards and positioned on the transport container (6). By means of simple provisions the possibility for - without influencing the weighing - establishing a dustproof connection is hereby obtained, which is of great importance, when it concerns precise weighing and dosing of often costly additives or chemicals.

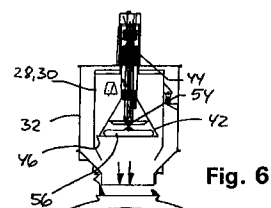


Fig. 6

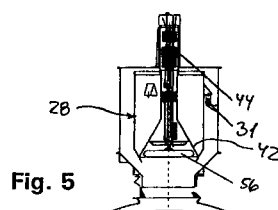


Fig. 5

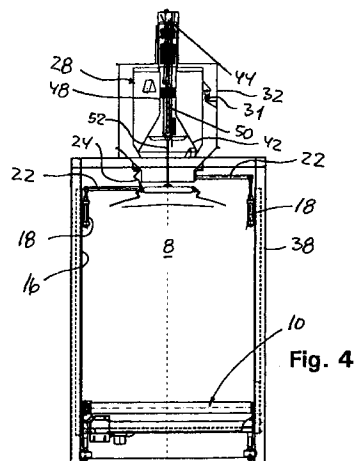


Fig. 4

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EUROPEAN SEARCH REPORT

Application Number
EP 97 12 1825

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
A	FR 2 688 882 A (METTLER TOLEDO BV) 24 September 1993 * abstract * * page 5, line 32 - page 6, line 10; figures 1,,3A,3B * ---	1	G01G15/00
A	US 5 259 425 A (JOHNSON RONALD D ET AL) 9 November 1993 * column 7, line 66 - column 8, line 18; figure 4 * ---	1	
A	FR 2 445 517 A (KOKEISL THEODOR) 25 July 1980 * figure 3 * -----	1	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			G01G B65B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 4 November 1998	Examiner Ganci, P
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